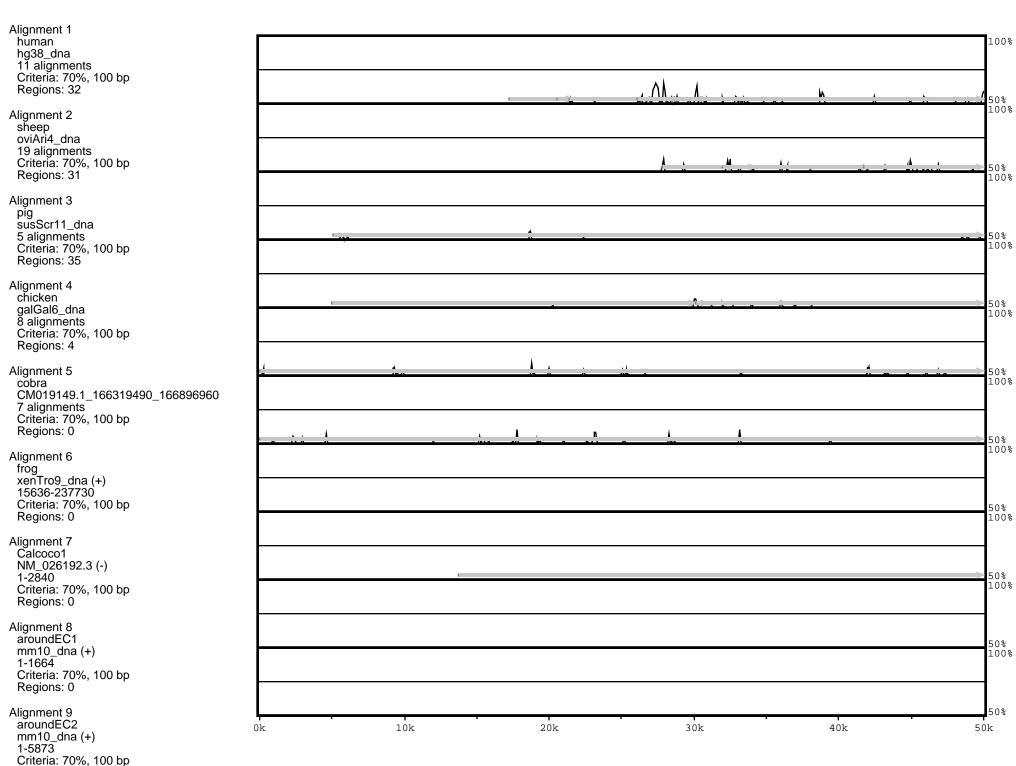
Regions: 5



Alignment 9 aroundEC2

Regions: 5

mm10_dna (+) 1-5873

Criteria: 70%, 100 bp

50k

60k

Alignment 1 human hg38_dna 100% 11 alignments Criteria: 70%, 100 bp Regions: 32 50% 100% Alignment 2 sheep oviAri4_dna 19 alignments Criteria: 70%, 100 bp 50% 100% Regions: 31 Alignment 3 pig susScr11_dna 5 alignments 50% 100% Criteria: 70%, 100 bp Regions: 35 Alignment 4 chicken galGal6_dna 50% 100% 8 alignments Criteria: 70%, 100 bp Regions: 4 Alignment 5 50% 100% cobra CM019149.1_166319490_166896960 7 alignments Criteria: 70%, 100 bp Regions: 0 50% 100% Alignment 6 frog xenTro9_dna (+) 15636-237730 Criteria: 70%, 100 bp 50% 100% Regions: 0 Alignment 7 Calcoco1 NM_026192.3 (-) 1-2840 50% 100% Criteria: 70%, 100 bp Regions: 0 Alignment 8 aroundEC1 50% 100% mm10_dna (+) 1-1664 Criteria: 70%, 100 bp Regions: 0

70k

80k

90k

100k

Alignment 1 human hg38_dna 11 alignments Criteria: 70%, 100 bp Regions: 32

Alignment 2 sheep oviAri4_dna 19 alignments Criteria: 70%, 100 bp Regions: 31

Alignment 3 pig susScr11_dna 5 alignments Criteria: 70%, 100 bp Regions: 35

Alignment 4 chicken galGal6_dna 8 alignments Criteria: 70%, 100 bp Regions: 4

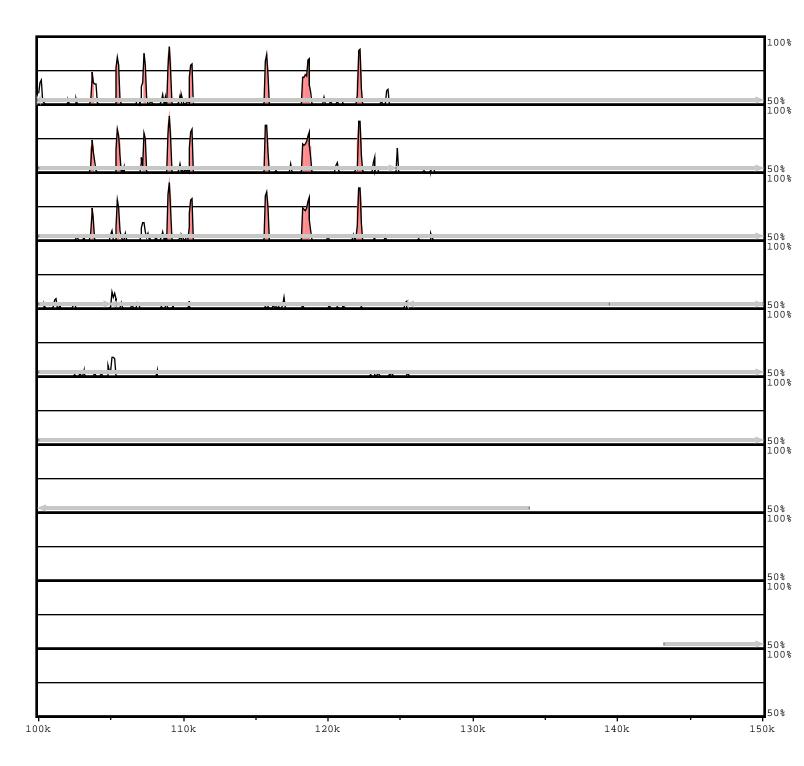
Alignment 5 cobra CM019149.1_166319490_166896960 7 alignments Criteria: 70%, 100 bp Regions: 0

Alignment 6 frog xenTro9_dna (+) 15636-237730 Criteria: 70%, 100 bp Regions: 0

Alignment 7 Calcoco1 NM_026192.3 (-) 1-2840 Criteria: 70%, 100 bp Regions: 0

Alignment 8 aroundEC1 mm10_dna (+) 1-1664 Criteria: 70%, 100 bp Regions: 0

Alignment 9 aroundEC2 mm10_dna (+) 1-5873 Criteria: 70%, 100 bp Regions: 5



Criteria: 70%, 100 bp

Regions: 5

Alignment 1 human hg38_dna 100% 11 alignments Criteria: 70%, 100 bp Regions: 32 50% 100% Alignment 2 sheep oviAri4_dna 19 alignments Criteria: 70%, 100 bp 50% 100% Regions: 31 Alignment 3 pig susScr11_dna 5 alignments 50% 100% Criteria: 70%, 100 bp Regions: 35 Alignment 4 chicken galGal6_dna 50% 100% 8 alignments Criteria: 70%, 100 bp Regions: 4 Alignment 5 50% 100% cobra CM019149.1_166319490_166896960 7 alignments Criteria: 70%, 100 bp Regions: 0 50% 100% Alignment 6 frog xenTro9_dna (+) 15636-237730 Criteria: 70%, 100 bp 50% 100% Regions: 0 Alignment 7 Calcoco1 NM_026192.3 (-) 50% 100% $1-2\overline{8}40$ Criteria: 70%, 100 bp Regions: 0 Alignment 8 aroundEC1 50% 100% mm10_dna (+) 1-1664 Criteria: 70%, 100 bp Regions: 0 Alignment 9 50% aroundEC2 160k 170k 180k 190k 200k 150k mm10_dna (+) 1-5873

200k

mm10_dna (+) 1-5873

Regions: 5

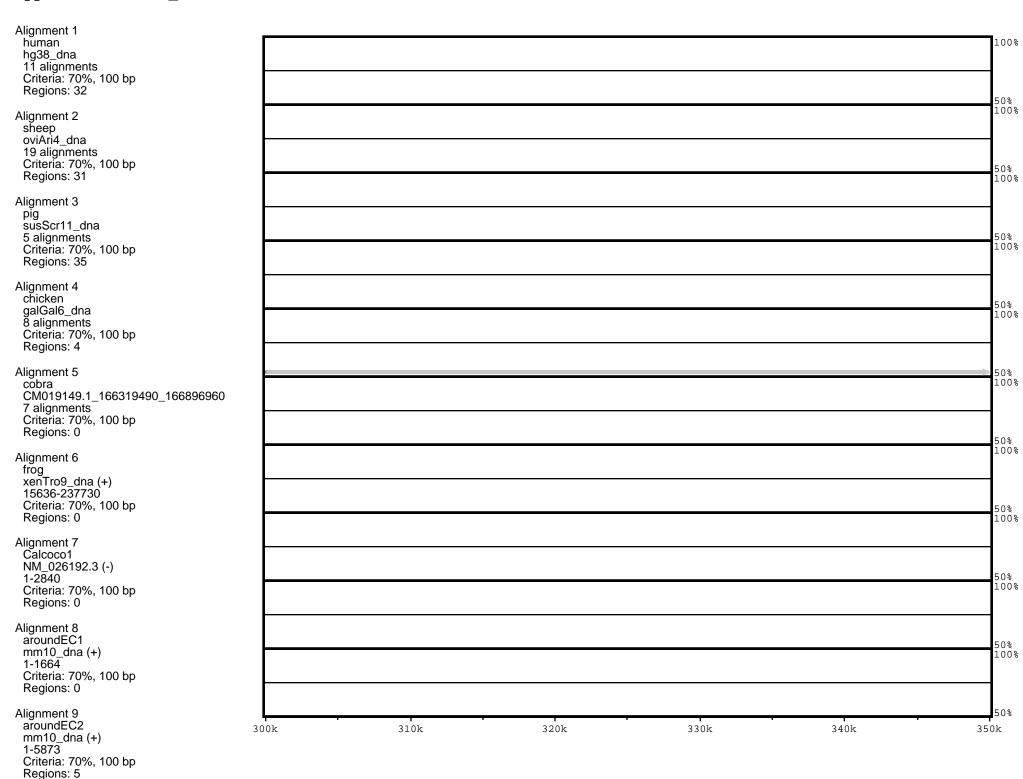
Criteria: 70%, 100 bp

Alignment 1 human hg38_dna 100% 11 alignments Criteria: 70%, 100 bp Regions: 32 50% 100% Alignment 2 sheep oviAri4_dna 19 alignments Criteria: 70%, 100 bp 50% 100% Regions: 31 Alignment 3 pig susScr11_dna 5 alignments 50% 100% Criteria: 70%, 100 bp Regions: 35 Alignment 4 chicken galGal6_dna 50% 100% 8 alignments Criteria: 70%, 100 bp Regions: 4 Alignment 5 50% 100% cobra CM019149.1_166319490_166896960 7 alignments Criteria: 70%, 100 bp Regions: 0 50% 100% Alignment 6 frog xenTro9_dna (+) 15636-237730 Criteria: 70%, 100 bp 50% 100% Regions: 0 Alignment 7 Calcoco1 NM_026192.3 (-) 50% 100% $1-2\overline{8}40$ Criteria: 70%, 100 bp Regions: 0 Alignment 8 aroundEC1 50% 100% mm10_dna (+) 1-1664 Criteria: 70%, 100 bp Regions: 0 Alignment 9 aroundEC2 210k 220k 230k 240k 250k

Criteria: 70%, 100 bp

Regions: 5

Alignment 1 human hg38_dna 100% 11 alignments Criteria: 70%, 100 bp ۸M Regions: 32 50% 100% Alignment 2 sheep oviAri4_dna 19 alignments Criteria: 70%, 100 bp Alba Alan III. 50% 100% Regions: 31 Alignment 3 pig susScr11_dna 5 alignments 50% 100% Criteria: 70%, 100 bp Regions: 35 Alignment 4 chicken galGal6_dna 50% 100% 8 alignments Criteria: 70%, 100 bp Regions: 4 Alignment 5 50% 100% cobra CM019149.1_166319490_166896960 7 alignments Criteria: 70%, 100 bp Regions: 0 50% 100% Alignment 6 frog xenTro9_dna (+) 15636-237730 Criteria: 70%, 100 bp 50% 100% Regions: 0 Alignment 7 Calcoco1 NM_026192.3 (-) 50% 100% $1-2\overline{8}40$ Criteria: 70%, 100 bp Regions: 0 Alignment 8 aroundEC1 50% 100% mm10_dna (+) 1-1664 Criteria: 70%, 100 bp Regions: 0 Alignment 9 50% aroundEC2 260k 290k 250k 270k 280k 300k mm10_dna (+) 1-5873



Regions: 5

